

## Adjustable Speed Drives, Medium-Voltage Product Package

an offering of EPRI/CSG, Inc.



Expand your company's capability to provide the latest information and applications support for adjustable speed drives (ASDs) in medium-voltage applications. You can rely on this package of EPRI publications, software, and support services to save staff time and enhance customer relationships. Architect and engineering companies can incorporate this extensive ASD knowledge base into their product designs. And by applying ASD solutions, your industrial and commercial manufacturing customers can increase their productivity, improve product quality, and add to their profits while reducing environmental impact.

**ASD TECHNOLOGY CAN BE USED TO CONTROL AC MOTORS OF ANY SIZE, IN ANY LOCATION**, from residential heat pumps to your own power plant fans. By varying the frequency of the ac power supply, ASDs provide continuously variable and efficient motor speed, without the use of mechanical or hydraulic drives. Conveyors, mixers, cutting and grinding equipment, HVAC and refrigeration systems, compressors, winders, and pumps can also benefit from ASDs.

**TAKE CHARGE OF MOTOR AND DRIVE CHALLENGES.** The ASDs, Medium-Voltage Product Package is designed to extend your technical expertise. It includes:

- *Applications of AC Adjustable Speed Drives* brochure describes the fundamentals of ASDs and successful applications and can be tailored for your customers.

### Build a Comprehensive Knowledge Base About Adjustable Speed Drives

- ASDMaster™ Medium-Voltage software package is a multifaceted program with a wealth of information on ASDs, including general instructive materials for users unfamiliar with adjustable speed motor control and analysis tools designed to help engineers select and implement ASDs.
- *Power Quality Considerations for Adjustable Speed Drive Applications* is a technical brochure, with an easy-to-read checklist of guidelines for managing power quality problems in ASD installations. Topics include ASD concerns, characteristics, power factor, transients, harmonic distortion, nuisance tripping, and notching.
- *Adjustable Speed Drives Applications Guide* focuses on the power electronics-type of ASD now revolutionizing process control. Brings together practical information on motors, ASDs, and application techniques.
- Up to five hours of consultation on the ASD Hotline.
- Training courses, arranged using Tailored Collaboration or other funding mechanisms.

In addition to this package, EPRI offers a complementary package for low-voltage ASD applications. The 'ASDs, Low-Voltage Product Package' is described in an accompanying sheet.

**FOR MORE INFORMATION** on this or other EPRI Power Quality products and services, contact the EPRI Customer Assistance Center at 800-313-3774 or [askepri@epri.com](mailto:askepri@epri.com), or speak to your EPRI regional sales representative.

© 1999 Electric Power Research Institute (EPRI), Inc. All rights reserved. Electric Power Research Institute and EPRI are registered service marks of the Electric Power Research Institute, Inc. EPRI. POWERING PROGRESS is a service mark of the Electric Power Research Institute, Inc.

♻️ Printed on recycled paper in the United States of America

PB-112769